

Listing of Claims:

1-76. (Canceled).

77. (Currently Amended) A method for interactive distribution of selectable presentations from a presentation server to an addressable processing equipment at a user location, said selectable presentations each comprising multiple data objects, including at least one constant data rate data object, and at least one variable data rate data object, at least one control object, and at least one timing information object, said method comprising:

in response to a request from said addressable processing equipment for a presentation, selecting and retrieving said presentation from a database of stored selectable presentations;

multiplexing said multiple data objects into a presentation data stream by placing said data objects in a frame;

multiplexing said presentation data stream with presentations requested by other users into a single MPEG digital video transport stream; and

transmitting said single MPEG digital video transport stream to said addressable processing equipment with an address message indicating a location of said requested presentation in said single MPEG digital transport stream;

wherein said placing of said data objects into a frame comprises:

inserting said control data objects into said frame;

subsequently inserting timing information objects into said frame;

subsequently inserting said constant data rate objects into said frame; and
subsequently inserting said variable data rate objects into said frame.

78. (Previously Presented) The method of claim 77 wherein said stored selectable presentations are converted to MPEG digital video format and stored in a presentation database memory.

79. (Previously Presented) The method of claim 78, wherein said selected presentation in MPEG digital video format is an MPEG I-frame forming a still image.

80. (Previously Presented) The method of claim 78, wherein said selected presentation in MPEG digital video format is an MPEG P-frame forming a data overlay.

81. (Cancelled).

82. (Cancelled).

83. (Currently Amended) The method of claim 78, wherein said step of multiplexing said retrieved presentation data stream into a single MPEG digital video transport stream with presentations requested by other users includes assigning a packet identification (PID), a program association table (PAT), a program map table (PMT), and a program clock reference (PCR) to said retrieved presentation, wherein one program

clock reference (PCR) is used for multiple PIDS.

84. (Cancelled).

85. (Previously Presented) A system for interactive distribution of selectable presentations, said selectable presentations each comprising multiple data objects, including at least one constant data rate data object, and at least one variable data rate data object, at least one control object, and at least one timing information object, said system comprising:

addressable processing equipment at a user location, said addressable processing equipment configured to transmit a request for a presentation;

a presentation preparation server operably connected to said addressable processing equipment configured to:

receive said request from said addressable processing equipment for a presentation and select and retrieve said presentation from a database of stored selectable presentations;

multiplex said multiple data objects into a presentation data stream by placing said data objects in at least one frame;

multiplex said presentation data stream with presentations requested by other users into a single MPEG digital video transport stream; and

transmit said single-MPEG digital video transport stream to said addressable processing equipment with an address message indicating a

location of said requested presentation in said single MPEG digital transport stream.

86. (Previously Presented) The system of claim 85 wherein said stored selectable presentations are converted to MPEG digital video format and stored in a presentation database memory.

87. (Previously Presented) The system of claim 86, wherein said selected presentation in MPEG digital video format is an MPEG I-frame forming a still image.

88. (Previously Presented) The system of claim 86, wherein said selected presentation in MPEG digital video format is an MPEG P-frame forming a data overlay.

89. (Previously Presented) The system of claim 86, wherein said selected presentation in MPEG digital video format is a group of pictures sequence including at least one MPEG I-frame and one or more MPEG P-frames forming a video sequence.

90. (Cancelled).

91. (Cancelled).

92. (Cancelled).

93. (Previously Presented) The method of claim 77 wherein said multiplexing of said multiple data objects into a presentation data stream comprises multiplexing said data objects into said presentation data stream such that said constant data rate data objects are transmitted at a constant data rate in said presentation data stream.

94. (Previously Presented) The method of claim 93 wherein said constant data rate data objects comprise audio data.

95. (Previously Presented) The method of claim 93 wherein said multiplexing of said multiple data objects into a presentation data stream comprises multiplexing said variable data rate objects into said presentation data stream such that said variable data rate data objects are transmitted at a variable data rate.

96. (Cancelled)

97. (Cancelled)

98. (Previously Presented) The system of claim 85 wherein said multiplexing of said multiple data objects into a presentation data stream comprises multiplexing said data objects into said presentation data stream such that said constant data rate data objects are transmitted at a constant data rate in said presentation data stream.

99. (Previously Presented) The system of claim 98 wherein said constant data rate data objects comprise MPEG audio data.

100. (Previously Presented) The system of claim 98 wherein said multiplexing of said multiple data objects into a presentation data stream comprises multiplexing said variable data rate objects into said presentation data stream such that said variable data rate data objects are transmitted at a variable data rate.

101. (Cancelled)

102. (Previously Presented) The system of claim 101 wherein said placing of said data objects into a frame comprises inserting said data objects into said frame hierarchically in the following order:

control data objects;

timing information objects;

data rate objects; and

data rate objects.